



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| | |
|------------------------|------------------|
| Attorney Docket Number | 23-70740-01 |
| Application Number | 10/697,965 |
| Filing Date | October 30, 2003 |
| First Named Inventor | Keller |
| Art Unit | 3662 |
| Examiner Name | Isam Alsomiri |

U.S. PATENT DOCUMENTS

U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

| Examiner's Initials* | Cite No. (optional) | Number | Publication Date | Name of Applicant or Patentee |
|----------------------|---------------------|-----------|------------------|-------------------------------|
| IA | | 3,755,810 | 8/28/1973 | Latham et al. |
| | | 4,829,303 | 5/9/1989 | Zebker et al. |
| | | 4,910,523 | 3/20/1990 | Huguenin et al. |
| | | 4,916,634 | 4/10/1990 | Collins et al. |
| | | 5,047,783 | 9/10/1991 | Hugenin |
| | | 5,060,393 | 10/29/1991 | Silverman et al. |
| | | 5,142,255 | 8/25/1992 | Chang et al. |
| | | 5,640,589 | 6/17/1997 | Takayama et al. |
| | | 5,680,528 | 10/21/1997 | Korszun |
| | | 5,833,599 | 11/10/1998 | Schrier et al. |
| | | 5,953,448 | 9/17/1999 | Liang |
| | | 5,956,525 | 9/21/1999 | Minsky |
| | | 6,144,388 | 11/7/2000 | Bornstein |
| | | 6,271,856 | 8/7/2001 | Krishnamurthy |
| | | 6,373,963 | 4/16/2002 | Demers et al. |
| | | 6,377,865 | 4/23/2002 | Edelsbrunner et al. |
| | | 6,542,249 | 4/1/2003 | Kofman et al. |

EXAMINER
SIGNATURE:

/Isam Alsomiri/

DATE
CONSIDERED:

07/23/2006

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| | |
|------------------------|------------------|
| Attorney Docket Number | 23-70740-01 |
| Application Number | 10/697,965 |
| Filing Date | October 30, 2003 |
| First Named Inventor | Keller |
| Art Unit | 3662 |
| Examiner Name | Isam Alsomiri |

U.S. PATENT DOCUMENTS

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

| Examiner's Initials* | Cite No. (optional) | Number | Publication Date | Name of Applicant or Patentee |
|----------------------|---------------------|-----------|------------------|-------------------------------|
| IA | | 6,546,309 | 4/8/2003 | Gazzuolo |
| ↓ | | 6,639,684 | 10/28/2003 | Knighton et al. |
| | | 6,690,474 | 2/10/2004 | Shirley |
| | | 6,700,526 | 3/2/2004 | Witten |
| | | 6,703,964 | 3/9/2004 | McMakin et al. |
| | | 6,734,849 | 5/11/2004 | Dimsdale et al. |
| | | 6,876,322 | 4/5/2005 | Keller |
| ↓ | | 7,034,746 | 4/25/2006 | McMakin et al. |

U.S. PATENT APPLICATION DOCUMENTS

| Examiner's Initials* | Cite No. (optional) | Number | Publication Date | Name of Applicant |
|----------------------|---------------------|--------------|------------------|-------------------|
| IA | | 2002/0158368 | 10/31/2002 | Wirth, Jr. |
| ↓ | | 2002/0167726 | 11/14/2002 | Barman et al. |
| | | 2003/0076254 | 4/24/2003 | Witten |
| | | 2003/0137646 | 7/24/2003 | Hoffman et al. |
| | | 2004/0023612 | 2/5/2004 | Kriesel |
| | | 2004/0090359 | 5/13/2004 | McMakin et al. |
| ↓ | | 2005/0234383 | 10/20/2005 | Dougal |

EXAMINER SIGNATURE: /Isam Alsomiri/

DATE CONSIDERED: 07/23/2006

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|--|------------------------|------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Attorney Docket Number | 23-70740-01 |
| | Application Number | 10/697,965 |
| | Filing Date | October 30, 2003 |
| | First Named Inventor | Keller |
| | Art Unit | 3662 |
| | Examiner Name | Isam Alsomiri |

| U.S. PATENT APPLICATION DOCUMENTS | | | | |
|-----------------------------------|---------------------|--------------|------------------|-------------------|
| Examiner's Initials* | Cite No. (optional) | Number | Publication Date | Name of Applicant |
| IA | | 2006/0066469 | 3/30/2006 | Foote et al. |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|---------------------|---------------|------------|------------------|-------------------------------|
| Examiner's Initials* | Cite No. (optional) | Country | Number | Publication Date | Name of Applicant or Patentee |
| IA | | Great Britain | GB 2034554 | 6/4/1980 | Voles |
| IA | | Great Britain | GB 2083715 | 3/24/1982 | Wren et al. |

| Examiner's Initials* | Cite No. (optional) | OTHER DOCUMENTS |
|----------------------|---------------------|--|
| IA | | Abbott, "Personal Surveillance System," <i>IBM Technical Disclosure Bulletin</i> , Vol. 12, No. 7, pp. 1119-1120 (Dec. 1969). |
| | | Ahles, "The Caesar Project," downloaded from thunder.temple.edu/~mridenou/pe204/BodyAnthroCaesar.html , 2 pp. (document marked as published on February 11, 1999). |
| | | Aoki et al., "Diagnosis of Under-Snow Radar Images by Three Dimensional Displaying Technique in Holographic Imaging Radar," <i>Proc. of IGARSS '87 Symposium</i> , pp. 571-576 (May 18-21, 1987). |
| | | Boyer et al., "Reconstruction of Ultrasonic Images by Backward Propagation," Ch. 18, pp. 333-349 (1970). |
| | | Bruner, "An Introduction to the Body Measurement System for Mass Customized Clothing," downloaded from http://www.techexchange.com/thelibrary/bmsdes.html , 11 pp. (document marked as published January 2004). |
| | | Collins, "Error Analysis in Scanned Holography," Thesis, Oregon State University (1970). |
| | | Cookson, "Body scanners to shape our shopping," London, 1 p. (dated at least as early as Dec. 1, 2000). |
| ↓ | | Cyberware, "Body Measurement/Garment Fitting Software," downloaded from www.cyberware.com/pressRelease/digisize_PR1.html , 2 pp. (document marked as published on August 9, 1999). |

| | |
|-------------------------------------|-----------------------------|
| EXAMINER SIGNATURE: /Isam Alsomiri/ | DATE CONSIDERED: 07/23/2006 |
|-------------------------------------|-----------------------------|

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

| | | |
|--|------------------------|------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Attorney Docket Number | 23-70740-01 |
| | Application Number | 10/697,965 |
| | Filing Date | October 30, 2003 |
| | First Named Inventor | Keller |
| | Art Unit | 3662 |
| | Examiner Name | Isam Alsomiri |

| Examiner's Initials* | Cite No. (optional) | OTHER DOCUMENTS |
|-------------------------|------------------------|--|
| IA | | Cyberware, "Cyberware Extracts Tailor Measurements from 3D Scan Data," downloaded from www.cyberware.com/pressReleases/arm.html , 2 pp. (document marked as published on August 1, 1997). |
| | | Cyberware, "Cyberware Whole Body Scanning," downloaded from www.cyberware.com/products/WholeBody.html , 3 pp. (document marked as last updated on June 22, 1999). |
| | | Cyberware, "Laser Sizes Up Your Body, Fits Your Clothing," downloaded from www.cyberware.com/pressReleases/digisize_PR2.html , 2 pp. (document marked as published on August 9, 1999). |
| | | Cyberware, "The World's First Whole Body Scanners Bring True Human Forms to Computer Graphics," downloaded from www.cyberware.com/pressReleases/firstWB.html , 1 p. (document marked as published on May 11, 1995). |
| | | Farhat, "High Resolution Microwave Holography and the Imaging of Remote Moving Objects," <i>Optical Engineering</i> , Vol. 14, No. 5, pp. 499-505 (1975). |
| | | Fujita et al., "Polarimetric Calibration of the SIR-C C-Band Channel Using Active Radar Calibrators and Polarization Selective Dihedrals," <i>IEEE Transactions on Geoscience and Remote Sensing</i> , Vol. 36, No. 6, pp. 1872-1878 (1998). |
| | | Hildebrand et al., "An Introduction to Acoustical Holography," pp. vii, 20-21 (1974). |
| | | Keller et al., "Privacy Algorithm for Cylindrical Holographic Weapons Surveillance System," <i>IEEE Aerospace and Electronic Systems Magazine</i> , Vol. 15, No. 2, pp. 17-24 (2000). |
| | | McMakin et al., "Cylindrical Holographic Imaging System Privacy Algorithm Final Report," <i>Pacific Northwest National Laboratory</i> , Richland, WA (1999). |
| | | McMakin et al., "Detection of Concealed Weapons and Explosives on Personnel Using a Wide-band Holographic Millimeter-wave Imaging System," <i>American Defense Preparedness Association Security Technology Division Joint Security Technology Symposium</i> , Williamsburg, Va. (1996). |
| | | McMakin et al., "Wideband, millimeter-wave, holographic weapons surveillance system," <i>Proceedings of the SPIE - EUROPTO European Symposium on Optics for Environmental and Public Safety</i> , Vol. 2511, pp. 131-141 (1995). |
| | | Michelson et al., "A Calibration Algorithm for Circular Polarimetric Radars," <i>Journal of Electromagnetic Waves and Applications</i> , Vol. 11, pp. 659-674 (1997). |

| | | | |
|---|-----------------|---------------------|------------|
| EXAMINER SIGNATURE: | /Isam Alsomiri/ | DATE CONSIDERED: | 07/23/2006 |
| <p>* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | | | |

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| | |
|------------------------|------------------|
| Attorney Docket Number | 23-70740-01 |
| Application Number | 10/697,965 |
| Filing Date | October 30, 2003 |
| First Named Inventor | Keller |
| Art Unit | 3662 |
| Examiner Name | Isam Alsomiri |

| Examiner's Initials* | Cite No. (optional) | OTHER DOCUMENTS |
|----------------------|---------------------|--|
| IA | | Osumi et al., "Detection of Buried Objects," <i>IEE Proceedings</i> , Vol. 135, Pt. F, No. 4 (Aug. 1988). |
| | | SAE International, downloaded from www.sae.org/technicalcommittees , 6 pp. (downloaded on February 3, 2000). |
| | | Sheen et al., "Concealed explosive detection on personnel using a wideband holographic millimeter-wave imaging system," <i>Proceedings of the SPIE - AEROSENSE Aerospace/Defense Sensing and Controls</i> , Vol. 2755, pp. 503-513 (1996). |
| | | Sheen et al., "Cylindrical millimeter-wave imaging technique for concealed weapon detection," <i>Proceedings of the SPIE - 26th AIPR Workshop: Exploiting New Image Sources and Sensors</i> , Vol. 3240, pp. 242-250 (March 1998). |
| | | Sheen et al., "Three-Dimensional Millimeter-Wave Imaging for Concealed Weapon Detection," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 49, No. 9, pp. 1581-1592 (2001). |
| | | Sinclair et al., "Passive millimetre wave imaging in security scanning," <i>Proc. SPIE</i> , Vol. 4032, pp. 40-45 (2000). |
| | | Soumekh, "Fourier Array Imaging," Published by PTR Prentice Hall, Englewood Cliffs, NJ, pp. 339-348 (1994). |
| | | Tricoles et al., "Microwave Holography: Applications and Techniques," <i>Proceedings of the IEEE</i> , Vol. 65, No. 1, pp. 108-121 (Jan. 1977). |
| | | Yngvesson et al., "Endfire Tapered Slot Antennas on Dielectric Substrates," <i>IEEE Trans. on Antennas and Propagation</i> , Vol. AP-33, No. 12, pp. 1392-1400 (Dec. 1985). |
| ✓ | | Yueh et al., "Calibration of polarimetric radars using in-scene reflectors," <i>Journal of Electromagnetic Waves and Applications</i> , Vol. 4, No. 1, pp. 27-48 (1990). |

EXAMINER
SIGNATURE:

/Isam Alsomiri/

DATE
CONSIDERED:

07/23/2006

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.